## CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

| STATE New Hampshire FIELD OFFICE   | All DATE July 2002                                 |
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| PRACTICE: 561 Heavy Use Area   | NOTES:   |
| Protection State of Treating S |  |
| RESOURCE: SOIL   |  |
| RESOURCE CONCERN: EROSION  |  |
| RESOURCE INDICATORS  | PHYSICAL EFFECTS                                   |
| SHEET AND RILL   | significant reduction in sheet and rill erosion    |
| WIND   | N/A  |
| EPHEMERAL GULLY  | significant reduction in ephemeral gully erosion   |
| CLASSIC GULLY  | insignificant                                      |
| STREAMBANK   | insignificant                                      |
| IRRIGATION INDUCED   | N/A  |
| SOIL MASS MOVEMENT   | N/A  |
| ROADBANK/CONSTRUCTION  | significant decrease in roadbank/const. erosion    |
| OTHER  | significant decrease in roadoank/const. crosion    |
| RESOURCE CONCERN: SOIL CONDITION   | •  |
| SOIL TILTH   | N/A  |
| SOIL COMPACTION  | N/A  |
| SOIL CONTAMINATION   | AVAX   |
| • SALTS  | N/A  |
| ORGANICS   | N/A  |
| FERTILIZERS  | N/A  |
| PESTICIDES   | N/A  |
| OTHER  |  |
| DEPOSITION/DAMAGE  |  |
| ONSITE   | N/A  |
| OFFSITE  | N/A  |
| DEPOSITION/SAFETY  |  |
| ONSITE   | N/A  |
| OFFSITE  | N/A  |
| OTHER  |  |
| RESOURCE: WATER  |  |
| RESOURCE CONCERN: WATER QUANTITY   |  |
| SEEPS  | N/A  |
| RUNOFF/FLOODING  | slight increase in runoff/flooding                 |
| EXCESS SUBSURFACE WATER  | slight reduction in excess subsurface water        |
| INADEQUATE OUTLETS   | significant improvement in H20 outlet concern      |
| WATER MGT. IRRIGATION  |  |
| • SURFACE  | N/A  |
| SPRINKLER  | N/A  |
| WATER MGT. NON-IRRIGATED   | N/A  |
| RESTRICTED FLOW CAPACITY (H20 convey.)   |  |
| ONSITE   | moderate improvement in onsite drainage            |
| OFFSITE  | moderate improvement in offsite drainage           |
| RESTRICTED STORAGE   | moderate reduction in sedimentation of H20 stroage |

| RESOURCE: WATER  |   |  |
|--|---|--|
| RESOURCE CONCERN: WATER  | PHYSICAL EFFECTS                                  |  |
| GROUNDWATER CONTAMINANTS   |   |  |
| PESTICIDES   | N/A   |  |
| NUTRIENTS AND ORGANICS   | slight poten. decrease/GWater contam./nutr,organ. |  |
| • SALINITY   | N/A   |  |
| HEAVY METALS   | N/A   |  |
| • PATHOGENS  | situational concerning GWater contam./pathogens   |  |
| • OTHER  |   |  |
| SURFACE WATER CONTAMINANTS   |   |  |
| • PESTICIDES   | N/A   |  |
| NUTRIENTS AND ORGANICS   | slight reduction in SWater contam./nutr.,organics |  |
| SUSPENDED SEDIMENTS  | moderate reduction in SWater contam./susp. sedi.  |  |
| LOW DISSOLVED OXYGEN   | N/A   |  |
| • SALINITY   | N/A   |  |
| HEAVY METALS   | N/A   |  |
| WATER TEMPERATURE  | N/A   |  |
| • PATHOGENS  | slight decrease in SWater contam./pathegens       |  |
| AQUATIC HABITAT SUITABILITY  | moderate inprovement in Aqua. Hab. Suit.          |  |
| OTHER  | 1   |  |
| RESOURCE: AIR RESOURCE CONCERN: AIR QUALIT AIRBORNE SEDIMENT AND SMOKE | Y   |  |
| PARTICLES  |   |  |
| ONSITE SAFETY  | slight decrease in airborn sed.smoke/safety       |  |
| OFFSITE SAFETY   | insignificant                                     |  |
| ONSITE STRUCT. PROBLEMS  | slight decrease in struc. problems/dust and smoke |  |
| OFFSITE STRUCT. PROBLEMS   | insignificant                                     |  |
| ONSITE HEALTH  | slight decrease in onsite health/dust and smoke   |  |
| OFFSITE HEALTH   | slight improvement in offsite health              |  |
| AIRBORNE SEDIMENT CAUSING  | N/A   |  |
| CONVEYANCE PROBLEMS  |   |  |
| AIRBORNE CHEMICAL DRIFT  | N/A   |  |
| AIRBORNE ODORS   | N/A   |  |
| FUNGI, MOLDS, AND POLLEN   | N/A   |  |
| RESOURCE CONCERN: AIR CONDITION  |   |  |
| AIR TEMPERATURE  | N/A   |  |
| AIR MOVEMENT (windbreak effect)  | N/A   |  |
| HUMIDITY   | N/A   |  |
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| RESOURCE: PLANT              |   |
| RESOURCE CONCERN: SUITABILIT |   |
| RESOURCE                     | PHYSICAL EFFECTS                          |
| SITE ADAPTATION              | N/A                                       |
| PLANT USE                    | N/A                                       |
| OTHER                        |   |
| RESOURCE CONCERN: CONDITION  |   |
| PRODUCTIVITY                 | N/A                                       |
| HEALTH, VIGOR, SURVIVAL      | N/A                                       |
| OTHER                        |   |
| RESOURCE CONCERN: MANAGEMI   | ENT                                       |
| ESTAB., GROWTH, HARVEST      | N/A                                       |
| NUTRIENT MANAGEMENT          | N/A                                       |
| PESTS                        | N/A                                       |
| THREAT/ENDANGERED PLANTS     | N/A                                       |
| OTHER                        |   |
| RESOURCE: ANIMAL             |   |
| RESOURCE CONCERN: HABITAT    |   |
| FOOD                         | N/A                                       |
| COVER/SHELTER                | N/A                                       |
| WATER (QUANTITY & QUALITY)   | N/A                                       |
| OTHER                        |   |
| RESOURCE CONCERN: MANAGEME   | ENT                                       |
| POPULATION BALANCE           | N/A                                       |
| THREAT/ENDANGERED ANIMALS    | N/A                                       |
| HEALTH                       | N/A                                       |
| OTHER                        |   |
| RESOURCE: <b>HUMAN</b>       |   |
| RESOURCE CONCERNS: ECONOMIC  | C CONSIDERATIONS                          |
| PLAN / COST EFFECTIVENESS    | situational concerning cost effectiveness |
| CLIENT FINANCIAL CONDITION   | N/A                                       |
| MARKETS FOR PRODUCTS         | N/A                                       |
| AVAILABLE LABOR              | N/A                                       |
| AVAILABLE EQUIPMENT          | N/A                                       |
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| RESOURCE: HUMAN                              |                  |  |
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| RESOURCE CONCERN: SOCIAL CONSIDERATIONS      |                  |  |
| RESOURCE INDICATORS                          | PHYSICAL EFFECTS |  |
| PUBLIC HEALTH AND SAFETY                     | insignificant    |  |
| PRIVATE/PUBLIC VALUES                        | N/A              |  |
| CLIENT CHARACTERISTICS                       | N/A              |  |
| RISK TOLERANCE                               | N/A              |  |
| TENURE                                       | N/A              |  |
| OTHER  |                  |  |
| RESOURCE CONCERN: CULTURAL CONSIDERATIONS    |                  |  |
| ABSENCE/PRESENCE OF CULTURAL RESOURCES       | N/A              |  |
| SIGNIFICANCE OF CULTURAL RESOURCES           | N/A              |  |
| MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS | N/A              |  |
| OTHER  |                  |  |
|  |                  |  |
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